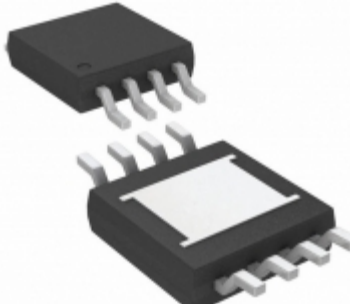


LTC3631EMS8E-3.3#PBF





AHEAD OF WHAT'S POSSIBLE™

Part Number: [LTC3631EMS8E-3.3#PBF](#)

Manufacturer: [ADI \(Analog Devices, Inc.\)](#)

Description: IC REG BUCK INV 3.3V 0.1A 8MSOP

Data sheet:  [Mac OS X Shortcuts](#)  
 [LTspice Flyer](#)  
 [LTspice IV Getting Started Guide](#)  
 [LTC3631 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

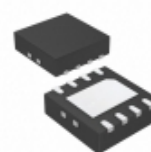
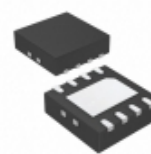
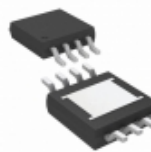
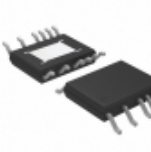
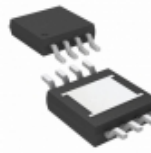
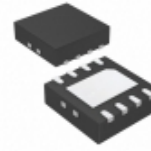
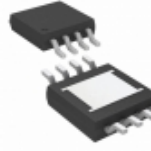
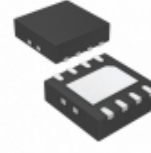
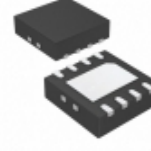
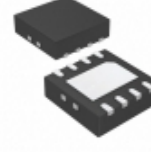
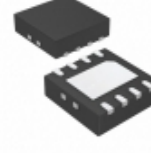
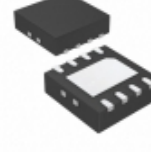
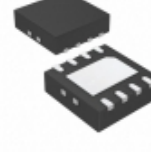
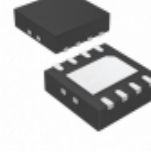
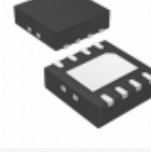
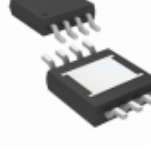
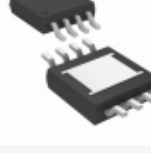
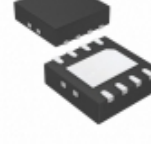
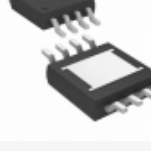
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                               |                                  |                                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | LTC3631EMS8E-3.3#PBF                                                                                                          | Manufacturer                     | <a href="#">ADI (Analog Devices, Inc.)</a>                                                                                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC REG BUCK INV 3.3V 0.1A 8MSOP                                                                                               | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 30626 pcs                                                                                                                     | Data sheet                       | <a href="#">Mac OS X Shortcuts</a><br><a href="#">LTspice Flyer</a><br><a href="#">LTspice IV Getting Started</a><br><a href="#">LTC3631 Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>                                                                                     | Voltage - Output (Min/Fixed)     | 3.3V                                                                                                                                                   |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                                                                             | Voltage - Input (Min)            | 4.5V                                                                                                                                                   |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 45V                                                                                                                           | Topology                         | Buck                                                                                                                                                   |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Yes                                                                                                                           | Supplier Device Package          | 8-MSOP-EP                                                                                                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                                                                             | Packaging                        | Tube                                                                                                                                                   |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad                                                                            | Output Type                      | Fixed                                                                                                                                                  |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Positive or Negative                                                                                                          | Other Names                      | LTC3631EMS8E33PBF                                                                                                                                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -40°C ~ 125°C (TJ)                                                                                                            | Number of Outputs                | 1                                                                                                                                                      |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Surface Mount                                                                                                                 | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                                                          |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 12 Weeks                                                                                                                      | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                             |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Step-Down                                                                                                                     | Frequency - Switching            | -                                                                                                                                                      |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Buck Switching Regulator IC Positive or Negative Fixed 3.3V 1 Output 100mA 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad | Current - Output                 | 100mA                                                                                                                                                  |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | LTC3631                                                                                                                       |                                  |                                                                                                                                                        |
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| RELATED PRODUCTS                                                                   |                                                                                               |                                                           |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LTC3631IDD#TRPBF</a><br>Description: IC REG BUCK INV ADJ 0.1A 8DFN         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3631EDD-3.3#PBF</a><br>Description: IC REG BUCK INV 3.3V 0.1A 8DFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3631IMS8E#PBF</a><br>Description: IC REG BUCK INV ADJ 0.1A 8MSOP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3630MPMSE#PBF</a><br>Description: IC REG BUCK INV 0.5A SYNC 16MSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3631EMS8E-3.3#TRPBF</a><br>Description: IC REG BUCK INV 3.3V 0.1A 8MSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3631EDD#TRPBF</a><br>Description: IC REG BUCK INV ADJ 0.1A 8DFN         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3630MPMSE#TRPBF</a><br>Description: IC REG BCK SYNC PROG 0.5A 16MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3631EMS8E#TRPBF</a><br>Description: IC REG BUCK INV ADJ 0.1A 8MSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3631EDD#PBF</a><br>Description: IC REG BUCK INV ADJ 0.1A 8DFN           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3631EDD-5#TRPBF</a><br>Description: IC REG BUCK INV 5V 0.1A 8DFN        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3631IDD-5#PBF</a><br>Description: IC REG BUCK INV 5V 0.1A 8DFN          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3631IDD-3.3#PBF</a><br>Description: IC REG BUCK INV 3.3V 0.1A 8DFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3631IDD#PBF</a><br>Description: IC REG BUCK INV ADJ 0.1A 8DFN           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3631EDD-5#PBF</a><br>Description: IC REG BUCK INV 5V 0.1A 8DFN          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3631IDD-3.3#TRPBF</a><br>Description: IC REG BUCK INV 3.3V 0.1A 8DFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC3631EMS8E-5#TRPBF</a><br>Description: IC REG BUCK INV 5V 0.1A 8MSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3631IDD-5#TRPBF</a><br>Description: IC REG BUCK INV 5V 0.1A 8DFN        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3631EMS8E-5#PBF</a><br>Description: IC REG BUCK INV 5V 0.1A 8MSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

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